~~wherein the redistributor dynamically selects and allocates a redistribution frequency suitable for each output signal based on one or more of: attenuation due to interference from other sources, attenuation due to cable length, signal loss, signal-to-noise ratio, data density of the output signal and signal sharing with other output signals.~~

2. (withdrawn) ~~The system of claim 1 in which the redistributor further selects a modulation technique for the output signal.~~

3. (withdrawn) ~~The system of claim 1 in which the server records subscriber usage information for designated output signals.~~

4. (withdrawn) ~~The system of claim 3 in which the server comprises software for invoicing subscribers based on usage of designated output signals over a specified period.~~

5. (withdrawn) ~~The system of claim 1 in which the output of the redistributor is transmitted to the communications interface over one or more twisted pairs of a telephone wire.~~

6. (withdrawn) ~~The system of claim 5 in which the one or more control signals are transmitted to the redistributor over a twisted pair of a telephone wire which carries a telephone signal, the one or more control signals being modulated at a frequency which does not interfere with the telephone signal.~~

7. (withdrawn) ~~The system of claim 1 in which the communications interface includes an optical interface for receiving the one or more control signals from an infrared remote control device.~~

8. (withdrawn) ~~The system of claim 1 in which the communications interface includes a data interface for receiving data from a keyboard, joystick, card reader, bar code reader or other data providing device.~~

9. (withdrawn) ~~The system of claim 1 in which the communications interface modulates the output of the redistributor to a selected channel or channels of the receiving device.~~

10. (withdrawn) ~~The system of claim 9 in which the output signal comprises a plurality of superposed signals, whereby each of a plurality of communications interfaces within a single subscriber premises is tuned to a different frequency so as to transmit to its associated receiver~~

one of the superposed signals.

11. (withdrawn) A method of redistributing a plurality of audio/video and data signals to a plurality of communications interfaces over conductors, comprising the steps of

(a)   receiving a plurality of input signals at a signal redistributor,

(b)   demodulating each input signal,

(c)   processing each input signal to a format suitable for switching,

(d)   switching an output of the redistributor according to one or more control signals input into a communications interface,

(e)   selecting and allocating a redistribution frequency suitable for the output signal based on one or more of: attenuation due to interference from other sources, attenuation due to cable length, signal loss, signal-to-noise ratio, data density of the output signal and signal sharing with other output signals, and

(f)   routing the output of the redistributor to the communications interface for transmission to a receiving device.

12. (withdrawn) The method of claim 11 including the step of selecting a modulation technique for the output signal.

13. (withdrawn) The method of claim 11 in which the server records subscriber usage information for designated output signals.

14. (withdrawn) The method of claim 13 in which the server comprises software for invoicing subscribers based on usage of designated output signals over a specified period.

15. (withdrawn) The method of claim 11 in which the output of the redistributor is transmitted to the communications interface over one or more twisted pairs of a telephone wire.

16. (withdrawn) The method of claim 15 in which the one or more control signals are transmitted to the redistributor over a twisted pair of a telephone wire which carries a telephone signal, the one or more control signals being modulated at a frequency which does not interfere with the telephone signal.

17. (withdrawn) The method of claim 11 in which the communications interface includes an

~~optical interface for receiving the one or more control signals from an infrared remote control device.~~

18. (withdrawn) ~~The method of claim 11 in which the communications interface modulates the output of the redistributor to a selected channel or channels of the receiving device.~~

19. (withdrawn) ~~The method of claim 18 in which the output signal comprises a plurality of superposed signals, including the step of tuning each of a plurality of communications interfaces within a single subscriber premises to a different frequency so as to transmit to its associated receiver one of the superposed signals.~~

20. (withdrawn) ~~The method of claim 11 in which the step of processing each input signal to a format suitable for switching comprises matching the impedance of the demodulated input signal to the output impedance of the redistributor, raising the baseband of the demodulated input signal, equalizing the high frequency components and increasing the level of chroma of the demodulated input signal, and increasing the peak-to-peak voltage of the demodulated input signal.~~

21. (currently amended) A system for redistributing a plurality of audio/video input signals to a plurality of communications interfaces over conductors, comprising

    a server,

at least one demodulator for demodulating the input signals, the server controlling an output channel selection of the input signals responsive to one or more control signals corresponding to a single user-selected channel input into any one of the plurality of communications interfaces, and at least one processor for processing the signals for switching, and

at least one switching device for routing the channel selection in the format of an internet protocol, the switching device being controlled by the server and outputting a single ~~an~~ output signal containing the user-selected channel to the one of the plurality of communications interfaces responsive to the one or more control signals input into the one of the plurality of communications interfaces,

wherein the communications interface receives the channel selection for transmission of the user-selected channel to a receiving unit connected to the communications interface.

22. (previously presented) The system of claim 21 in which the input signals are in different signal formats.

23. to 25. (cancelled)

26. (previously presented) The system of claim 21 in which the communications interface includes a data interface for receiving data from a keyboard, joystick, card reader, bar code reader or other data providing device.

27. (previously presented) The system of claim 21 in which the communications interface includes a network interface for transmitting data from a computer as an input signal to the demodulator.

28. (cancelled)

29. (currently amended)   A method of redistributing a plurality of audio/video signals to a plurality of communications interfaces over conductors, comprising the steps of

(a)   receiving a plurality of input signals,

(b)   demodulating the input signals,

(c)   processing the input signals to a format suitable for switching,

(d)   selecting a processed input signal for redistribution to one communications interface of the plurality of communications interfaces in the format of an internet protocol, according to one or more control signals corresponding to a single user-selected channel input into the one communications interface, and

(e)   outputting a single an output signal containing the user-selected channel to the one communications interface of the plurality of communications interfaces responsive to the one or more control signals input into the one communications interface of the plurality of communications interfaces.

30. (previously presented) The method of claim 29 in which the input signals are in different signal formats.

31. to 33. (cancelled)

34. (previously presented) The method of claim 29 in which the communications interface includes a data interface for receiving data from a keyboard, joystick, card reader, bar code reader or other data providing device.

35. (previously presented) The method of claim 29 in which the communications interface includes a network interface for communicating data from a computer as an input signal to the demodulator.

36. (cancelled)